

## **CHAPTER I**

### **INTRODUCTION**

#### **A. Background of The Study**

Twins is either one or two baby of the same pregnancy, same uterine, and same mother but not necessarily born on the same day. Usually if the mother multiple pregnancy can the limited size is much less to carry to full term than single on birth (M. Thiery, 1995). There are two kinds of twins:

Fraternal twins are non identical twins (dizygot). Fraternal twins (dizygot) occur when two eggs fertilized are implanted in the uterine wall at the same time that is when the mother releases two eggs and both become fertilized by two different sperms the two eggs form two zygotes.

Identical twins or Monozygotic. Identical twins (Monozygotic) when occur a single fertilized egg is by single sperm to form a single zygote and then the zygote divides into two separate embryos (Elliot, 2008). Monozygot twins more have similarities in their characteristics or behavior, because the monozygot twins (identical) have the same egg cells. This shows that they have the same genes. The genes in a person's nature or behavior. But the environment was also very influential in the nature and behavior of a person.

Because the environment is a major factor in shaping a person's character. Human interaction is also very strong affect the personality of a person. of a pair of twin person will reflect their components and genetic background, as well as their shared environment, including interaction with each other (vandenbeg,1962,1966).

Twins are have some genetic but they have characteristics self alone. The social environment that influence by culture and society is a major factor that changes human behavior. Social environment that forms humans behaviors perform human personality although they are twins and some have genetic. Personality is an arrangement behaviors, attitudes, beliefs, and values of persons (Hall and Lindzey, 1985:462). The human personality development depends on two interacting factors they are heredity factor and environment factor. Heredity factor is a factor that is

inherited from his parent and transmitted by genes. And the environmental factor is a factor from outside of human. Environmental factor is the influence a person directly after his family, including childhood and maturity's phase in family, society and culture values.

Behavior is changed by stimuli from internal and external factor. The influence behavior of internal factor is motivation and emotion. The motivation occurred from experiences and emotion can be included as motive (Moris, 1976). The external factors are family and environment. The formation of the characteristics of a person does not have to always carry genetic factors. Some researchers have argued to get clarity of heritabilities of people twins with separate them, so that they will not happen the interaction turned around. In a determination of General Intelligence explain that there is some evidence of some innate genetic factors. (burt, 1966, erlenmeyerkimling and jarvik, 1963)

Cause troubles social or genetic are theoretical. Behavioral genetic could interpret that genetic process causally influence selection into social environments. They could attribute the greater commonalities in friendship network and social interaction ( Scarr and Mc Cartney:1983, Plamin and Bergeman:1991 ).The separation that occurs in people do it once in a twin test that is no evidence for genetic interaction effects namely extraversion twin in close contact and it makes them look less similar, maybe it's because they tend to their personalities were complementary. Thus the influence of lost or reduced in common that is genotypic similarity can be expressed at the level of phenotypic (personality traits in twins: 35)

*Fangirl is the second novel written by Rainbow Rowell.* This novel is published on 2013 in the New York. This novel tells about two people are identical twins there are Cath and Wren and until recently they did everything together. Cath is a have introvert personality and Wren is a have extrovert personality. Extrovert is they are most energized when they have other around them. Until they find it easy to establish contact with new people and start chatting to whoever whereas introvert is they are people more like quiet, embarrass and listened. Introvert is often similar to someone who is shy. They are mainly focused on their own internal world and can be quiet oblivious to what is going on around

them. Because of their circumspection introverts can be slow to develop relationships. When they do the relationship will be strong one that often endures for the rest of their lives.

Now they are off to University of Nebraska Lincoln. And suddenly Wren does not want to room with her. It make Cath is having a hard time adjusting to college and also of her social anxiety disorder that makes her afraid to talk to anyone, and attend social events. Almost every night's wren spends time with her roommate, dancing and drinking. It makes Wren distances she from Cath. Cath is more interested written Fanfiction in the class. Carth find partner writing he is Nick. Cath discouraged and emotion after professor Papper give score F, as she considers this to be plagiarism. Cath feel lonely and do not have a friend after abandonee wren. Cath still feel anguish after neglected his mother when she was eight years. And her father suffer bipolar until does not take care of himself. So boy friends of roommate invite to be friend Cath. Cath becomes stressed and giving up on school. Cath and wren on complicated relationship, she has forged at school with Levi, Reagan, and Nick. But she tries again and continues to learn to deal with her various problems. Cath struggles to finish writing her Fanfiction novel, carry on, Simon, and to write her original short story for fiction writing. Finally Cath can come out of her trouble at real life. From on the background above, the researcher proposes to conduct a research entitled *“influence environment on different personality of twins in rainbow Rowell’s Fangirl (2013): a behaviorism perspective”*.

## **B. Problem Statement**

The writer focuses in analyzing *influence environment on different personality of twins in rainbow Rowell’s Fangirl (2013): a behaviorism perspective”*.

1. How are Cath’s personalities different from Wren’s?
2. What type of environment contributes to the personality formation of the twins?
3. Why does the author address the problem of the twins?

### C. Objective of the Study

Conducting the research, the writer formulates the objectives of the study, as follows:

1. To know how different personality between Cath and Wren.
2. To analyze to type environment contributes to the personality formation of the twins of the novel *Fangirl* (2013).
3. To know what the author address the problem of the twins on the novel *Fangirl* (2013).

### D. Limitation of the Study

The writer focuses on the research in analyzing *Influence Environment on Different Personality of Twins at Rainbow Rowell's Fangirl novel (2013) on A Behaviorism Perspective*.

### E. Benefit of the Study

The researchers expected a lot that the research which investigates the issue “to *Influence Environment on Different Personality of Twins in this Fangirl novel* many benefits. The benefits of this study will be differentiated into two benefits:

#### 1. Theoretical Benefits

The result of this study is expected to be also able to give information and contribution of knowledge to the academic reference. It can be also as a reference for other researchers who want to conduct further research and particularly the literary studies on this *Fan girl* novel.

#### 2. Practical Benefits

The study is expected to enrich knowledge and experience for the writer in many things and for other students of Muhammadiyah University of Surakarta or for other university where the same interest in literary study have on the literature from a behaviorism approach.

## **F. Research Paper Organization**

This research paper is divided into five chapters. *Chapter I* consists of introduction that included background of the study, literature review, problem statement, and limitation of the study, objective of the study, benefit of the study, research method, and research paper organization. *Chapter II* consists of underlying theory that includes the notion of behaviorism, basic assumptions of behaviorism, structural element, and theory applications. *Chapter III* consists of structural analysis based on character and characterization, setting, plot, point of view, style, theme and discussion. *Chapter IV* consists of behaviorist approach analysis. *Chapter V* conclusion and suggestion.